

Fig. 1

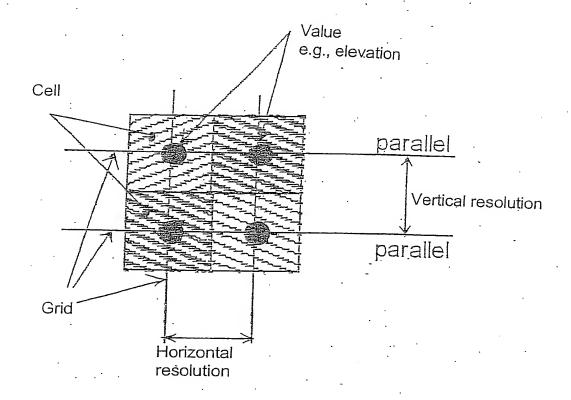


Fig. 2

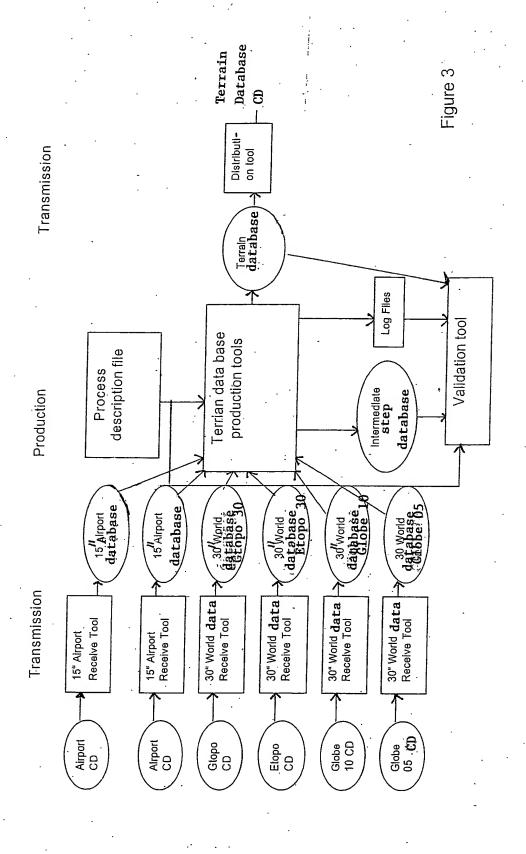
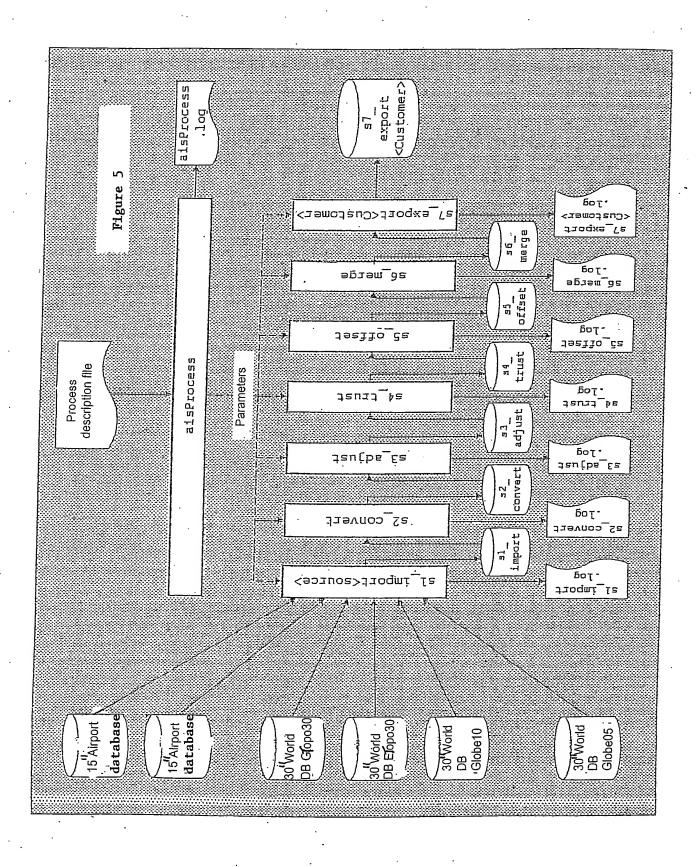


Figure 4



Piirnosa	[+1000	
0000	J	input	Output
executes the individual p	Ф	process description file	log file
production steps			
\dashv			
Imports Source data in a Ins	<u> </u>	Installed source data	source data in AIS format, log
	<u> </u>	parameters by PMT	TII6
	Õ	Output of import tool,	database with common format.
common horizontal and par	par	parameters by PMT	log file
vertical dattim	•)
Adjust sresolution of data Out	Out	Output of convert tool,	database with common
	para	parameters by PMT	resolution, log file
Checks data and Out	Out	Output of adjustment	Database with checked and
optionally modifies the tool,	to <u>ol</u>	tool, parameters by	Corrected reliability
	P.		values, log file
rage	Out	Output of trust tool,	Database with Maximim trans
data to simulate para	par	parameters by PMT	log fills
maximum data		-	
Merges preprocessed Out	Out	Output of offset tool,	Merged database, log file
sources	par	parameters by PMT	
Transforms database Out	O	Output of merging tool.	Database in customer's format
into customer's format par	par	parameters by PMT	log file

Figure 7A1

<DEMprocess name="process_WORLD_MAX_401.xml" id="DEM_WORLD_MAX_401"</p> directory="/home/dem/P2/World_30_MAX">

<sourceList>

<source name="Etopo30" directory="/DATA/DEM/Etopo30" deviation="395" <source name="Globe05" directory="/DATA/DEM/Globe05" deviation="100" <source name="Gtopo30" directory="/DATA/DEM/Gtopo30" deviation="20"</p> <source name="Globe10" directory="/DATA/DEM/Globe10" deviation="18"</p> <source name="Airports" directory="/DATA/DEM/Airports" deviation="8"</p> </sourceList>

<coodinateList>

<coordinate name="NW" x="-180" y="90"
<coordinate name="SE" x=" 180" y"=-90"
</coodinateList>

</DEMprocess>

create step directory
if step in (s1_import,...,s5_offset)
for each specified source
call the step tool with the source parse process description file read process description file for each specified step aisProcess;

report success/failure to the log file call the step tool

</hr>

<arguments>
 <argument name="processDescriptionFile"
 value"process_WORLD_30_AVG_403.xml" />
 </arguments>

executing 's1_importAirports -elevationType AVG -version 403 -resolution 120 - source Deviation 8 creating directory 's1_import". OK

'DATA/DEM/Airports_IABG - o

/RAID/home/dem/Thales/P4/DEM_WORLD_30_AVG_403/s1_import/Airports_IAGB_xNW-180 WWW 90 -xSE 180 -ySE -90', OK

executing 's1_importAirports -elevationType AVG -version 403 -resolution 120 - source Deviation

/DATA/DEM/Airports_GEG --o

/RAID/home/dem/Thales/P4/DEM_WORLD_30_AVG_403/s1_import/Airports_GEG-xNW-180 yNW 90 -xSE 180 -ySE -**9**0'. OK

Figure 8A

/RAID/home/dem/:Thales/P4/DEM_WORLD_30_AVG_403/s7_exportThales-xNW-180-yNW90-xSE.180 -elevationType AVG -version 403 - resolution 120 processDescriptionFile process_WORLD_30_AVG_403.xml. OK /RAID/home/dem/thales/P4/dem_world_30_avg_403/s6_merge-o--executing 's7_export

</messages>

<Statistics>

cprogram name="s2_convert" version="4.12.0 /> <start date="2002-10-31" time="18:33:06 /> <user name="dem"/>

<messages>

arguments?

<argument name="sourceDirectory"

value="/RAID/home/dem/Thales/P4/DEM_WORLD_30_AVG_403/s1_import/Airports_IABG"/> <argument name="outputDirectory"

value="/RAID/home/dem/Ihales/P4/DEM_EORLD_30_AVG_403/s2_convert/Afrports_IABG"/>

<argument name="elevationType" value="AVERAGE" />

<argument name="resolution" value="120" />

<argument name="NW" value=" (+180, 90)" (

<argument name="SE" value="(180,-90)"/

</arguements>

ouput directory

//RAID/home/dem/customer/P4/DEM_WORLD_30_AVG_403/s2_convert44#ports_IABG' and subdirectories created. OK

Figure 9A

```
/RAID/home/dem/customer/P4/DEM_WORLD_30_AVG_403/s1_import/Airport_IABG'/Airports_IABG.* read.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /RAID/home/dem/customer/P4/DEM_WORLD_30_AVG_403/s2_convert/Globe05/Globe05.*written. Ok
                                                                                                                                                                                                       Figure 9B
                                                y=90 x=-180, no source segment (-18\overline{0},9\overline{0}). Nothing done. OK
                                                                                                                                                                                                                                                                                                                                                                                                                                               y=89 x=-179, no source segment (-179,89). Nothing done. OK
                                                                                   (-179,90). Nothing done. OK
                                                                                                                                                                                            ð
                                                                                                                                                                                                                                                                                             (-1,71,90). Nothing done. OK
                                                                                                                                                                                                                                                                                                                                        y=89 x=-175. no source segment (-175,89). Nothing done. OK
                                                                                                                                                                                                                                                                                                                                                                          Nothing done, OK
                                                                                                                                                                                                                                                                                                                                                                                         y=89 x=-177. no source segment (177,89). Nothing done. OK
                                                                                                                                                                                                                                                                                                                                                                                                                             (178,89). Nothing done, OK
                                                                                                            (-178,90). Nothing done. Ok
                                                                                                                                                                 Nothing done, Ok
                                                                                                                                       Nothing done.
                                                                                                                                                                                           Nothing done,
                                                                                                                                                                                                                                            Nothing done.
                                                                                                                                                                                                                    Nothing done.
                                                                                                                                                                                                                                                                     Nothing done.
                                                                                                                                                                                                                                                                    -172,90).
                                                                                                                                                                                                                                                                                                                                                                         176,89).
                                                                                                                                                                                                                                          (-173,90)
                                                                                                                                                                                                                 -174,90)
                                                                                                                                      -177,90)
                                                                                                                                                                                        -175,90)
                                                                                                                                                               .176,90
                                                                            /=90 x=-179. no source segment (
                                                                                                      =90 x=-178. no source segment (
                                                                                                                                                                                                                                                                                                                                                                   y=89 x=-176. no source segment (
                                                                                                                                                       =90 x=-176, no source segment
                                                                                                                                                                                                         /=90 x=-174. no source segment
                                                                                                                                                                                                                                                            y=90 x=-172. no source segment
                                                                                                                                                                                                                                                                                     /=90 x=-171. no source segment
                                                                                                                                                                                                                                                                                                                                                                                                                      /=89 x=-178, no source segment
                                                                                                                                =90 x=-177. no source segment
                                                                                                                                                                                  =90 x=-175, no source segment
                                                                                                                                                                                                                                   /=90 x=-173. no source segment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         nformation files
nformation files
```

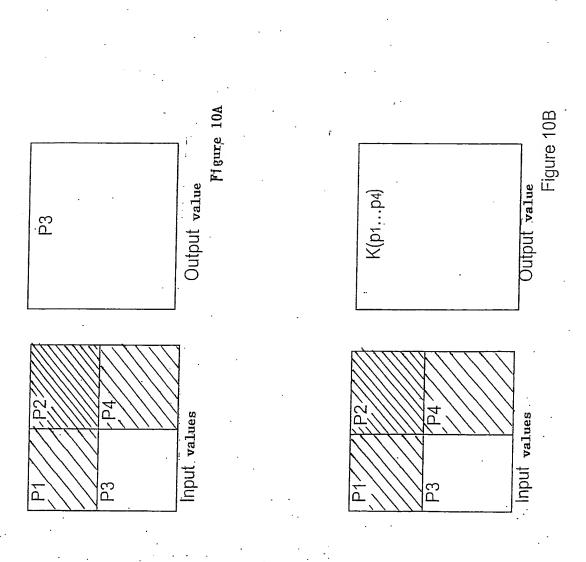
<start date="2002-10-31" time=22:52:50" />

</messages>

<statistics>

<end date="2002-10-31" time=23:33:12 />
frunTime days.= "0" time=00:40:21 />

</statistics></AlSlog>



S3 adjust:

Process data ():

if the input segment already has the required resolution

copy the input data as output data

adjust resolution

check if all elevation data are less than or equal MAX_ELEVATION if not, set elevation = NO_DATA and second value=NO DATA

adjust resolution ()

if current resolution is an integer multiple of required resolution then

for each pair p=(elv,dev) in the output segment

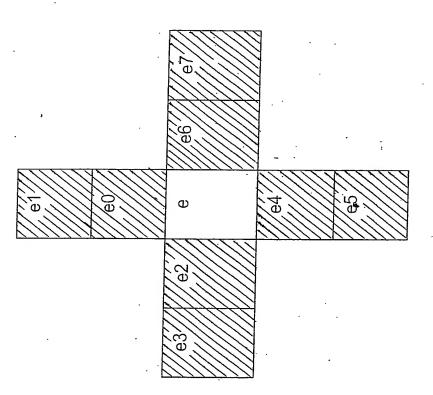
let S be the number of value pairs corresponding to p in the input segment if required elevation type is MAXIMUM then find maximum elevation elvmax in s

set output cell to p=(elvmax,devmax)

if required elevation type is MAXIMUM. then let pl...pN be the value pairs in S set output cell to p=K(pl...pN)

else

Drint error message and halt



S4 Trust:

Process data ()

for each value pair p=(e,d)

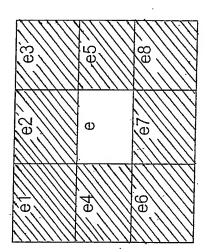
let e0...embe the neighbors to p according to schema let ē be the average elevation of { e0, e2, e4, e6}

if 6 = NO_DATA then set 6 = 0

let σ be the standard deviation of $\{e_0...e_7\}$ if o = NO DATA then set 0 = 0 if $|e - \vec{e}| > 3\sigma$.

increase standard deviation by /e-e/-30

else do nothing



S5 offset

Process 'datas'():
If the elevation type is already the required elevation type copy the input data as output data elevation data type is AVERAGE and the required elevation type is MAXIMUM then for each value pair p offset step (p) else print error message and halt

offset step (p):

if p is No DATA do nothing if p is sea water do nothing

else

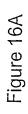
let the value pair be p = (e, d)let $e_{1...}e_8$ be the neighboring elevation values t_0 let e_{max} be the maximum elevation of $e_{1...}e_8$ if $e_{max} = e$

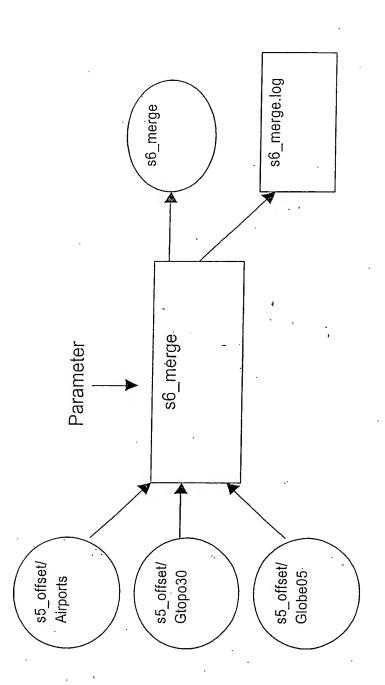
let be the average value of fe, e1...e8

 Θ max = Θ max + $(\Theta - \overline{\Theta})$

set the output elevation to emax

Figure 15





M	M	F-	W=k(W,W)	•
⊢	Þ.	T=k(T,T)	 	-
QN	ND	 -	X	
·	QN	F	× ×	

BW	BW→T T=k(T,T) T → BW	ВИ	BW=k(BW,BW)
SW	—	SW#k (SW, SW)	BW
 	T=k(T,T)	Τ,	BW≯T T=k(T,T) T>BW
Ω N	⊢	S	ВИ
ON	- -	MS'	BW
	MS	ND T SW T T=K(T,T) T	ND T SW BW $T = T = K(T,T) \qquad T \qquad T = K(T,T)$ $T = K(T,T)$

Figure 16C

S6_merge:

process data (): for each value pair let N be the number of source data

let pi be the value pair of source i, for i=1...N

output value pair $p = K(p_1...p_N)$

create output directory outdir with all sub-directories create two temporary directories: temp_elv, temp_qty for each 5°x5° area

for each file in this area

read the elevation file read the deviation file

elv file format write the elevation file to temp_elv in

write the deviation file to temp_qty in for each cell in the deviation file

qty file format

if deviation > 20 then add cell to file DEFECTIVE_CELLS

if there is at least one defective cell in the segment then add segment to DEFECTIVE_SEGMENTS

tar and gzip temp_elv and write it to outdir/area/ tar and gzip temp_qty and write it to outdir/area/ write the .sea file to outdir/area/ write MP5 checksum to outdir/area/

copy process description file to outdir write .sea, .ter, .nod to outdir copy log files to outdir

create TDBCI to DOC directory remove temporary directories

create TDBPL to DOC directory copy IDBICI to DOC directory

create VERSIÓN file containing the database ID create README file

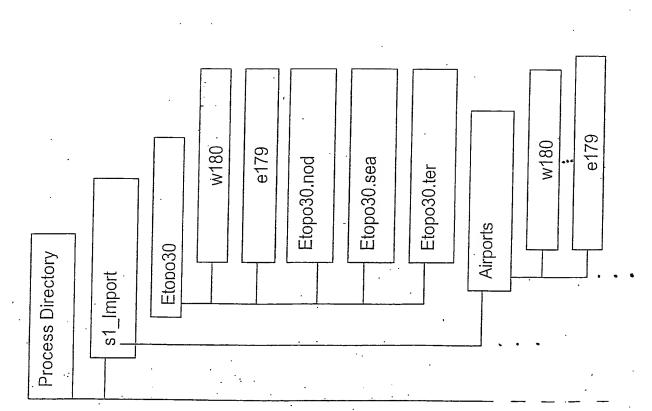
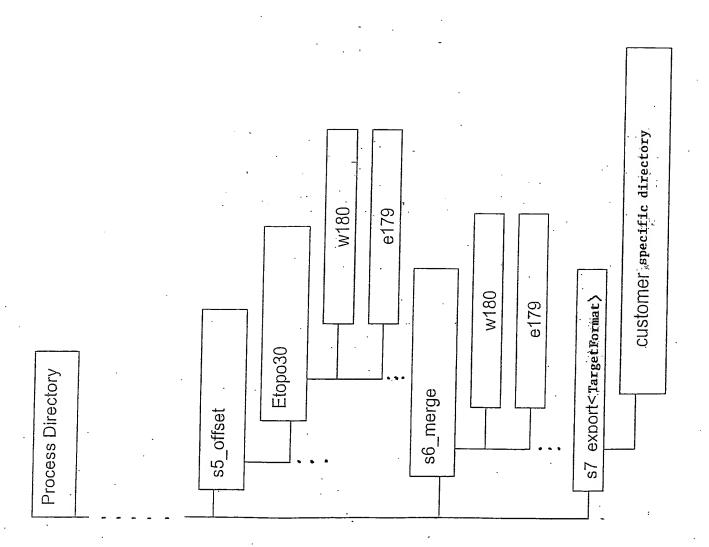


Figure 19 A



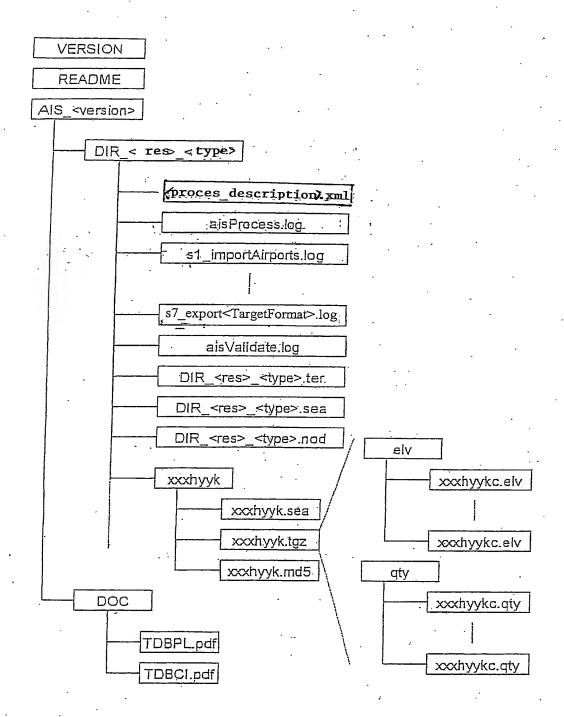


Fig. 20

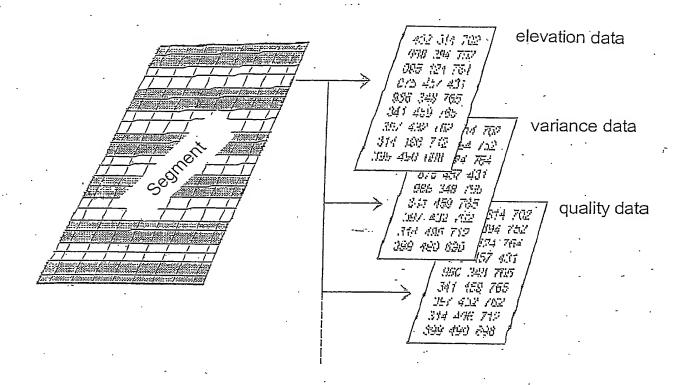


Fig. 21

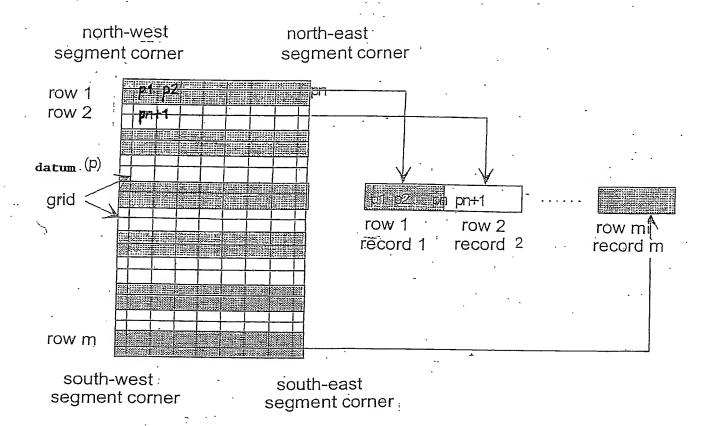


Fig. 22

Figure 24
Delete the Ref. Column

D. 4-		
Byte Location	Decription ·	Size
		(Bytes)
0 2	Data type identifier	2 2
	Byte order	
4	Byte order check value	2
6	Version code	4
10	Creation date	4
14	Segment name	14
28	Horizontal reference value	2
30	Vertical reference value	2
32	Longitude of the NW corner	4
36	Latitude of the NW corner	4
40	Longitude of the NE corner	4
44	Latitude of the NE corner	4
48	Longitude of the SW corner	4
52	Latitude of the SW corner	4
56	Longitude of the SE corner	4
60	Latitude of the SE corner	4
64	Horizontal segment size	4
68	Vertical segment size	4
72	Horizontal resolution	4
76	Vertical resolution	4
80	Longitude of first value .	4
84	Latitude of first value	4
88	Number of columns	4
92	Number of rows	4
96	Content identifier 1	2
98	Content identifier 2	2
100	Content identifier 3	2 2
102	Content identifier 4	2.
104	Content identifier 5	2
106	Content identifier 6	. 2
108	Content identifier 7	2
110	Content identifier 8	. 2
112	Content identifier 9	2
114	Content identifier 10	2

Number of Bytes		7	c					2		·	. 6
Description	Version code	Creation date	Élevation scale	elevation data type	number of bytes per data	value	minimum data value per	segment	maximum data value per	segment	Identifier for no data values
Location	0	. 4	8	10		12		14		16	

Figure 25A

Location	Description	Number of Bytes
0	Index	7.
7	Minimum value of the record	2 .
9	Maximum value of the record	c
8	Longitude of the first value	. 7
12	Latitude of the first vale	4
16	First value of the record	c
18	Second value of the record	2
		c
• • • •	Last value of the record	
		7

...Figure. 25B

-	Number of Bytes	7	7	2		c	7	7			,	7
	Description	Version Code	Creation date	Accuracy scale	Number of quality description	definitions	Number of bytes per quality identifier	Minimum quality identifier of the	segment 's	Maximum quality identifier of the	segment	Identifier for no data values
	Location	0	7	8		10			14		16	. 18

Figure 26A

Location	, 11:1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	
Focalion	Description	Number of Bytes
0	Identifier of the quality description definition	9
. 2	Absolute horizontal accuracy - sigma 1	7
9	Relative horizontal accuracy - sigma 1.	
10	Absolute vertical accuracy - sigma 1	7
14	Relative vertical accuracy - sigma 1	4
18	Absolute horizontal accuracy – sigma	
22	Relative horizontal accuracy – sigma 2	,
26	Absolute vertical accuracy - sigma 2	
30	Relative vertical accuracy - sigma 2	7
34	Absolute horizontal accuracy - sigma	7
38	Relative horizontal accuracy – sigma	
	Absolute vertical accuracy – sigma 3	4
95	Relative vertical accuracy – sigma 3	4

Figure 26B

Figure 26C

Location	Description	Number of Bytes
0	Index	7
4	Minimum quality value of the record	2
9	Maximum quality value of the record	2
8	Logitude of first value	
12	Latitude of first value	4
16	First quality value of the record	2
18	Second quality value of the record	9
		2
	Last Quality value of the record	2
		The section of the Control of the Co

Figure 27A Data Type Identifier

1 906	Integer
Size (Bytes)	2
Description	The identifier identifies the file type. Supported
	types of files are:
	1 = Elevation data
	2 = Variance data
	3 = Quality data
	4 = Reliability data

Figure 27B Byte Order

	e Integer	ize (Bytes)	Cription The value identifies the byte order used:	0 = unknown (not used in the AIS databases)	1 = LSB, little endian (e.g PC's, DEC Alpha)	2 = MSB,big endian (e.g. sun SPARC, sGI)
I	lype	Size (Byte	Description			

Figure 27C Byte order check value

	_		_,		
	Integer	2	The check value is a value that allows determination of	the byte order.	The value is always set to the integer 24575.
אומסוג אוומסוג אמומס	lype	Size (Bytes)	Description		

Figure 27D Version Code

Integer	4	The version code contains a value that represents the	database version	300 (for database with ID DEM WORLD 30 MAX 300)
.lype	Size (Bytes)	Description		Example

Figure 27E Creation Date

Integer	7	The creation date contains the date on which the file was	created or revised. The format is day month vos	DDMMYY.	250969 stands for June 25, 1996
lype	Size (Bytes)	Description			Example

Figure 27.F Segment Name.

lype	Infeder
Size (Bytes)	14
Description	The string that contains the segment name is always 14
	Spaces are used for nonexistent characters. The string
	does not contain a final "0".
Example	"011E48NS "
	"00660E288QNS".

Figure 27G Location Reference

		/pe	Integer 2 The location reference designates the ellipsoid used. Supported ellipsoids are:
LICONITOR BY THE PROPERTY OF T		Size (Bytes) Description The location reference designates the ellipsoid used.	Supported ellipsoids are:
Supported ellipsoids are:	Supported ellipsoids are:	ze (Bytes)	The location reference designates the ellipsoid used.
loi	lon		2

Figure 27H Elevation Reference

Integer	2	The elevation reference designates the zero level for the indicated elevation values. Supported formats are: ER = 1: WGS-84 ER = 2: Mean Sea Level	
Type	Size (Bytes)	Description	

Figure 271 Longitude of Corner

Type	Integer
Size (Bytes)	4.
Description	These values indicate the position of the segment It Isical
	stands for the longitude of one corner in arc-seconds
•	Positive values indicate east, negative values indicate
	west.
Example	39600 (equal to 11° East)
	-39600 (equal to 11° West)

Figure 27K Latitude of Corner

Type	Integer
Size (Bytes)	4
Description	These values indicate the position of the segment It Isici
.	stands for the latitude of one corner in arc-seconds
	Positive values indicate north, negative values indicate
	south.
Example	172800 (equal to 48 ° North)
	-172800 (equal to 48 South)

Figure 27L Longitudinal Segment Size

|--|

Figure 27M Latitudinal Segment Size

Туре	Integer
Size (Bytes)	7
Description	This value indicates the size of the segment in the north-
	south direction in arc-seconds. It must be equal to the
	difference between the latitudes of the NW and SW
	corner or the NE and SE corner respective.
Example	10800 (equal to a segment 3° x 3° in size)

Figure 27N Longitudinal Resolution

Type	Integer
Size (Bytes)	4
Description	This value describes the resolution, i.e., the distance
	between two values, in the west-east direction in 1/100
	arc-seconds.
Example	1500 (15 arc-seconds resolution)

Figure 270 Latitudinal Resolution

Туре	Integer
Size (Bytes)	4
Description	This value describes the resolution, i.e., the distance
	between two values, in the north-south direction in 1/100.
	arc-seconds.
Example	1500 (15 arc-seconds resolution)

Figure 27P Longitude of the First Value

lype	Integer
Size (Bytes)	4
Description	This value describes the longitude of the center of the first cell in 1/100 arc-seconds.
Example	3960750 (western boundary of the segment 11° east.
	resolution 15.0 arc-seconds)
	-3960750 (western boundary of the segment 11° west.
	resolution 15.0 arc-seconds)

Figure 27Q Latitude of the First Value

מייי אין אין אין אין אין אין אין אין אין	
Type	Integer
Size (Bytes)	7
Description	This value describes the latitude of the center of the first
	cell in 1/100 arc-seconds.
Example	17279250 (northern boundary of the segment 48° north.
<u> </u>	resolution 15.0 arc-seconds)
	ry of th
	resolution 15.0 arc-seconds)

Figure 27R. Number of Columns

lype	Integer
Size (Bytes.)	4
Description	This value describes the number of columns of the
	segment,
Example	120 (1° segment, resolution 30")

Figure 27S Number of rows

Integer	4	This value describes the number of rows of the segment	120 (1° segment, resolution 30")
Type :	Size (Bytes)	Description	Example

Figure 27T Content Identifier

Ţype	Integer
Size (Bytes)	2
Descripțion	This value indicates which information are available for
	the segment. A value of 0 indicates that no additional
	information is available, a value of 1 means that the
	information in question is available. The following
	additional types of information are supported:
	Content Identifier 1:(Always 1)
	Content Identifier 2: Variance data
	Content Identifier 3: quality data
	Content Identifier 4: trust value
	Content Identifier 5: Reserved for future use
	Content Identifier 6: Reserved for future use
	Content Identifier 7: Reserved for future use
	Content Identifier 8: Reserved for future use
	Content Identifier 9: Reserved for future use
	Content Identifier 10: Reserved for future use
Example	IB1 = 1; IB2 = 0; IB3 = 1; IB4 = 0 indicates a segment
	which contains elevation and quality data.

Figure 27U Data Scale

Type	Integer
Size (Bytes)	4
Description	This value indicates the scale of the data.
	1 = Meters
	2 = Centimeters
Example	

Figure 27V Elevation type

Salo - CTEVALLOII LYPE	
Type	Integer
Size (Bytes)	2
Description	The elevation type defines the type of elevation value
	given:
	ET = 0: Unknown elevation type
	ET = 1: An elevation value corresponds to the minimum
-	elevation within the represented area
. •	ET = 2: An elevation value corresponds to the maximum
-	elevation within the represented area
	ET = 3. An elevation value corresponds to the average
	elevation within the represented area
	ET = 4: An elevation value corresponds to the weighted
	average elevation within the represented area

Figure 27W Bytes per value

Size (Bytes) Description This entry indicates the number of bytes in which e value of the data record is encoded. Example 2 (2 bytes are used for each value)	Type	Integer
Description This entry indicates the number of bytes in which example Z (2 bytes are used for each value)	Size (Bytes)	2
Example value of the data record is encoded.	Description	This entry indicates the number of bytes in which each
Example 2 (2 bytes are used for each value)		value of the data record is encoded.
	Example	2 (2 bytes are used for each value)

Figure 27X Minimum Value in the Segment

Туре	Integer
Size (Bytes)	See "Bytes per Value"
Description	The value indicates the minimum value of the segment.

Figure 27Y Maximum Value in the Segment

Integer	See "Bytes per Value"	The value indicates the maximum value of the	segment.
Type	Size (Bytes)	Description	98

Figure 27Z No data value

_				 :	
Integer	See "Bytes per Value"	The entry indicates the value that is being used to identify	the nonexistence of a value.	-9999 is a typical NO_DATA value for two byte	elevation data
Type	Size (Bytes)	Description		Example	

Figure 27AA Entry Counter

	Integer	4	The counter serves as an index of the data record rows. The counter begins with 0 for the first row and ends with the total number of rows minus 1.
lowing (Type	Size (Bytes)	Description

Figure 27AB Minimum Value in the Data Record

Туре	Integer
Size (Bytes)	See "Bytes per Value"
Description	The value indicates the minimum value of the data record. NO_DATA entries are ignored, unless all of the values are NO_DATA, in which case the value is also set to NO_DATA.
	-

Figure 27AC Maximum Value in the Data Record

Size (Bytes) See "Bytes per Value" Description The value indicates the maximum value of the data record. NO_DATA entries are ignored, unless all of the values are NO_DATA, in which case the value is also set to NO_DATA.	Type Integer	Integer
····	Size (Bytes)	See "Bytes per Value"
	Description	The value indicates the maximum value of the data record. NO_DATA entries are ignored, unless all of the values are NO_DATA, in which case the value is also set to NO_DATA.

Figure 27AD Longitude of the First Data Record Entry

Type	Integer
Size (Bytes)	4
Description	The value describes the longitude of the center of the first
	cell in the current data record in 1/100 arc-seconds.
Example	3960750 (western boundary of the segment 11° east
	resolution 15.0 arc-seconds)
	\rightarrow
	resolution 15.0 arc-seconds)

Figure 27AE Latitude of the First Data Record Entry

	יייני יייני דמימיי ייסטות בחות א
Туре	Integer
Size (Bytes)	4
Description	The value describes the latitude of the center of the first
	cell in the current data record in 1/100 arc-seconds
Example	17279250 (northern boundary of the segment 48° north.
÷	resolution 15.0 arc-seconds)
	-17279250 (northern boundary of the segment 48° south.
	resolution 15.0 arc-seconds)
	The same of the sa

Figure 27AF Elevation Value

Infeger	s) See "Bytes per Value"	The elevation value contains the elevation of the	corresponding area, or the NO_DATA identifier if no value	is present.
Typė	Size (Bytes)	Description		

Figure 27AG Number of Quality Descriptions

Туре	Integer
Size (Bytes)	2
Description	The value indicates how many quality descriptions are
	<u>-</u>

Figure 27AH Quality Description Identifier

Type	Integer
Size (Bytes)	See "Bytes per Value"
Description	The identifier defines the index for a quality description
	The index is used in the quality entries to point to a
	quality description that finally contains the actual quality
	for the data record.
	The identifier is a number between 0 and the number of
•	auality descriptions _1

Figure 27Al Absolute Horizontal Accuracy

lype	Integer
Size (Bytes)	4
Description	The absolute horizontal accuracy indicates the position
	error of the individual cells, or the NO DATA identifier if
	the position error is unknown.
	~
	The following confidence levels are supported:
	Sigma 1 = 68.26% confidence level
	Sigma 2 = 95.44% confidence level
	Sigma 3 = 99.73% confidence level

Figure 27AK Relative Horizontal Accuracy

Type	Integer
Size (Bytes)	4
Description	The relative horizontal accuracy indicates the position
	error between two neighboring cells, or the NO DATA
	identifier 1f the position error is unknown.
	The following confidence levels are supported:
	Sigma 1 = 68.26% confidence level
	Sigma 2 = 95.44% confidence level
	Sigma 3 = 99.73% confidence level

Figure 27AL Absolute vertical accuracy

measurement error of the elevation values, or the NO_DATA identifier if the measurement error is unknown. The following confidence levels are supported: Sigma 1 = 68.26% confidence level Sigma 2 = 95.44% confidence level
Sigma 3 = 99 73%, confidence

Figure 27AM Relative vertical accuracy

lype	Integer
Size (Bytes)	7
Description	The relative vertical accuracy indicates the error between
•	two neighboring elevation values, or the NO DATA
	identifier if the measurement error is unknown.
	: +
	The following confidence levels are supported:
	Sigma 1 = 68.26% confidence level
	Sigma 2 = 95.44% confidence level
	Sigma 3 = 99.73% confidence level

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:
BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
☐ GRAY SCALE DOCUMENTS
☐ LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
□ other:

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.